

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/19 A61K31/215 A61K31/16 A61P9/12 A61P9/10
A61P3/06 A61P3/10 A61P1/16 A61P3/00 A61P43/00
A23L1/29

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data, PASCAL, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 007553 A (TOUTOUSHIYU SEIZO KK), 13 January 1998 (1998-01-13) the whole document	26-36
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07, 31 August 1995 (1995-08-31) & JP 07 101984 A (SUNTORY LTD), 18 April 1995 (1995-04-18) the whole document	1, 20, 21, 29-34
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

22 July 2004

Date of mailing of the international search report

03/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Domingues, H

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/19325 A (SEGUIN MARIE CHRISTINE ;EXSYMOL SA (MC); BABIZHAYEV MARC (RU)) 1 September 1994 (1994-09-01) pages 2-3 example 5 claims 21-23	29-34
A	----- GRIFFITH O W: "Beta-amino acids: mammalian metabolism and utility as alpha-amino acid analogues." ANNUAL REVIEW OF BIOCHEMISTRY. UNITED STATES 1986, vol. 55, 1986, pages 855-878, XP009017551 ISSN: 0066-4154 the whole document	1-37
A	----- BALIGA B S ET AL: "Metabolism of thymine in tumor tissue: the origins of beta-aminoisobutyric acid." ADVANCES IN ENZYME REGULATION. ENGLAND 1975, vol. 13, 1975, pages 27-36, XP009017552 ISSN: 0065-2571 the whole document	1-37
A	----- BERG A H ET AL: "ACRP30/adiponectin: An adipokine regulating glucose and lipid metabolism" March 2002 (2002-03), TRENDS IN ENDOCRINOLOGY AND METABOLISM, ELSEVIER SCIENCE PUBLISHING, NEW YORK, NY, US, PAGE(S) 84-89 , XP002286670 ISSN: 1043-2760 the whole document -----	1-37

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10007553	A	13-01-1998	NONE	
JP 07101984	A	18-04-1995	NONE	
WO 9419325	A	01-09-1994	FR 2701947 A1	02-09-1994
			FR 2701948 A1	02-09-1994
			BR 9406126 A	13-02-1996
			DE 69427814 D1	30-08-2001
			DE 69427814 T2	04-04-2002
			EP 0684944 A1	06-12-1995
			ES 2161758 T3	16-12-2001
			WO 9419325 A1	01-09-1994
			GR 3036979 T3	31-01-2002
			JP 3373852 B2	04-02-2003
			JP 8506825 T	23-07-1996
			MX 9401347 A1	31-08-1994
			RU 2166510 C2	10-05-2001
			US 5792784 A	11-08-1998